SEQUENCE LISTING

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<120> SPECIFIC BINDING MOLECULES FOR SCINTIGRAPHY, CONJUGATES
      ·CONTAINING THEM AND THERAPEUTIC METHOD FOR TREATMENT OF
       ANGIOGENESIS

<130> SCH-1733P1

<140> 09/300,425
<141> 1999-04-28

<150> 09/075,338
<151> 1998-05-11

<160> 34

<170> PatentIn Ver. 2.1

<210> 1
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 1
gcggcccagc cggccatggc cgag   24

<210> 2
<211> 54
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<220>
<223> "n" at various positions throughout the sequence
      represent a, t, c, g, other or unknown

<400> 2
gagcctggcg gacccagctc atmnnmnnmn ngctaaaggt gaatccagag gctg   54

<210> 3
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 3
atgagctggg tccgccaggc tcc   23

<210> 4
<211> 60
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<220>
<223> "n" at various positions throughout the sequence
      represent a, t, c, g, other or unknown

<400> 4
gtctgcgtag tatgtggtac cmnnactacc mnnaatmnnt gagacccact ccagcccctt 60

<210> 5
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 5
acatactacg cagactccgt gaag   24

<210> 6
<211> 53
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 6
tcattctcga cttgcggccg ctttgatttc caccttggtc ccttggccga acg   53

<210> 7
<211> 47
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<220>
<223> "n" at various positions throughout the sequence
      represent a, t, c, g, other or unknown

<400> 7

gtttctgctg gtaccaggct aamnngctgc tgctaacact ctgactg   47

<210> 8
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 8
ttagcctggt accagcagaa acc   23

<210> 9
<211> 46
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<220>
<223> "n" at various positions throughout the sequence
      represent a, t, c, g, other or unknown

<400> 9
gccagtggcc ctgctggatg cmnnatagat gaggagcctg ggagcc   46

<210> 10
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 10
gcatccagca gggccactgg c   21

<210> 11
<211> 45
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 11
gcggcccagc atgccatggc cgaggtgcag ctgttggagt ctggg   45

<210> 12
<211> 55
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<220>
<223> "n" at various positions throughout the sequence
      represent a, t, c, g, other or unknown

<400> 12
ggttccctgg ccccagtagt caaamnnmnn mnnmnntttc gcacagtaat atacg   55

<210> 13
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 13
gcggcccagc atgccatggc cgag   24

<210> 14
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 14
cccgctaccg ccactggacc catcgccact cgagacggtg accagggttc cctggcccca 60
gtagtc   66

<210> 15
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 15
gatgggtcca gtggcggtag cgggggcgcg tcgactggcg aaattgtgtt gacgcagtct 60
cc   62

<210> 16
<211> 63
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<220>
<223> "n" at various positions throughout the sequence
      represent a, t, c, g, other or unknown

<400> 16
caccttggtc ccttggccga acgtmnncgg mnnmnnaccm nnctgctgac agtaatacac 60
tgc   63

<210> 17
<211> 56
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 17
gagtcattct cgacttgcgg ccgctttgat ttccaccttg gtcccttggc cgaacg   56

<210> 18
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 18
gatgggtcca gtggcggtag cggg   24

<210> 19
<211> 116
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: H antibody specific
      for ED-B domain of fibronectin

<400> 19
Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
 1   5   10   15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Phe
            20   25   30

Ser Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
        35   40   45

Ser Ser Ile Ser Gly Ser Ser Gly Thr Thr Tyr Tyr Ala Asp Ser Val
    50   55   60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
 65   70   75   80

```
Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
                85                  90                  95

Ala Lys Pro Phe Pro Tyr Phe Asp Tyr Trp Gly Gln Gly Thr Leu Val
            100                 105                 110

Thr Val Ser Ser
        115
```

<210> 20
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: antibody linker

<400> 20
```
Gly Asp Gly Ser Ser Gly Gly Ser Gly Gly Ala Ser Thr Gly
  1               5                   10
```

<210> 21
<211> 108
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: VL antibody
      specific for ED-B domain of fibronectin

<400> 21
```
Glu Ile Val Leu Thr Gln Ser Pro Gly Thr Leu Ser Leu Ser Pro Gly
  1               5                   10                  15

Glu Arg Ala Thr Leu Ser Cys Arg Ala Ser Gln Ser Val Ser Ser Ser
            20                  25                  30

Tyr Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Arg Leu Leu
        35                  40                  45

Ile Tyr Tyr Ala Ser Ser Arg Ala Thr Gly Ile Pro Asp Arg Phe Ser
    50                  55                  60

Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Arg Leu Glu
 65                  70                  75                  80

Pro Glu Asp Phe Ala Val Tyr Tyr Cys Gln Gln Thr Gly Arg Ile Pro
                85                  90                  95

Pro Thr Phe Gly Gln Gly Thr Lys Val Glu Ile Lys
            100                 105
```

<210> 22
<211> 16

<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: peptide formula

<400> 22
Glu Gly Ile Pro Ile Phe Glu Asp Phe Val Asp Ser Ser Val Gly Tyr
 1   5   10   15

<210> 23
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: peptide formula

<400> 23
Tyr Thr Val Thr Gly Leu Glu Pro Gly Ile Asp Tyr Asp Ile Ser
 1   5   10   15

<210> 24
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: peptide formula

<400> 24
Asn Gly Gly Glu Ser Ala Pro Thr Thr Leu Thr Gln Gln Thr
 1   5   10

<210> 25
<211> 72
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: DNA construct

<220>
<221> CDS
<222> (10)..(69)

<400> 25
gcggccgca gat gac gat tcc gac gat gac tac aag gac gac gac gac aag 51
          Asp Asp Asp Ser Asp Asp Asp Tyr Lys Asp Asp Asp Asp Lys
           1   5   10

cac cat cac cat cac cat tag   72
His His His His His His
 15   20

<210> 26
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: peptide construct

<400> 26
Asp Asp Asp Ser Asp Asp Asp Tyr Lys Asp Asp Asp Asp Lys His His
1   5   10   15

His His His His
            20

<210> 27
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: anti-ED-B
      antibody clone

<400> 27
Ala Ile Ser Gly Ser Gly
1   5

<210> 28
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: anti-ED-B
      antibody clone

<400> 28
Ser Ile Arg Gly Ser Ser
1   5

<210> 29
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: anti-ED-B
      antibody clone

<400> 29
Gly Leu Ser Ile
1

```
<210> 30
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: anti-ED-B
      antibody clone

<400> 30
Ser Phe Ser Phe
  1


<210> 31
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: anti-ED-B
      antibody clone

<400> 31
Phe Pro Phe Tyr
  1


<210> 32
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: anti-ED-B
      antibody clone

<400> 32
Asn Gly Trp Tyr Pro Trp
  1               5


<210> 33
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: anti-ED-B
      antibody clone

<400> 33
Gly Gly Trp Leu Pro Tyr
  1               5
```

<210> 34
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: anti-ED-B
    antibody clone

<400> 34
Thr Gly Arg Ile Pro Pro
  1   5